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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. -
0652.2090000APPLICATION NO.
09/555,574APPLICANT
Behr, et al.FILING DATE
June 1, 2000GROUP
To Be Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
PS	AA1	4,873,187	10/10/1989	Taub	435	5	03/13/1986
	AB1						
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
PS	AL1	WO 93/07283	04/15/1993	WIPO	435	5	Yes X No
PS	AM1	WO 98/10649	03/19/1998	WIPO	435	5	Yes No
	AN1						Yes No
	AO1						Yes No
	AP1						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

PS	AR	<u>1</u>	Behr, J.P., "Synthetic gene-transfer vectors," <i>Accounts Chem. Res.</i> 26:274-278 (1993).
PS	AS	<u>1</u>	Behr, J.P., "DNA strongly binds to micelles and vesicles containing lipopolyamines or lipointercalants," <i>Tetrahedron Lett.</i> 27:5861-5864 (1986).
PS	AT	<u>1</u>	Blessing, T., et al., "Template Oligomerization of DNA-Bound Cations Produces Calibrated Nanometric particles," <i>J. Am. Chem. Soc.</i> 120:8519-8520 (1998).

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	AL2						Yes No
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	AN2						Yes No
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	AP2						Yes No

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RS	AR	2	Blessing, T., et al., "Monomolecular collapse of plasmid DNA into stable virus-like particles," <i>J. Liposome Res.</i> 8:4 (1998).
RS	AS	2	Boussif, O., et al., "A versatile vector for gene and oligonucleotide transfer into cells in culture and in vivo: Polyethylenimine," <i>Proc. Natl. Acad. Sci. USA</i> 92:7297-7301 (1995).
RS	AT	2	Gershon, H., et al., "Mode of formation and structural features of DNA -cationic liposome complexes used for transfection," <i>Biochem.</i> 32:7143-7151 (1993).

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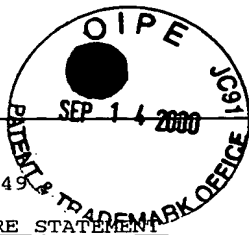
RS	AR	3	Gottschalk, S., et al., "A Novel DNA-Peptide Complex for Efficient Gene Transfer and Expression in Mammalian Cells," <i>Gene Ther.</i> 3:448-457 (1996).
RS	AS	3	Gustafsson, J., et al., "Complexes between cationic liposomes and DNA visualized by cryo-TEM," <i>Biochim. Biophys. Acta</i> 1235:305-312 (1995).
RS	AT	3	Hughes, J.A., et al., "Evaluation of Adjuvants that Enhance the Effectiveness of Antisense Oligodeoxynucleotides," <i>Pharm. Res.</i> 13:404-410 (1996).

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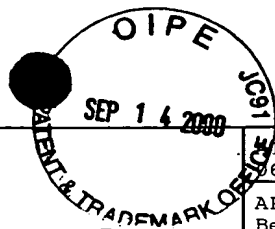
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Rs	AR	<u>4</u>	Labat-Moleur, F., et al., "An electron microscopy study into the mechanism of gene transfer with lipopolyamines," <i>Gene Ther.</i> 3:1010-1017 (1996).
Rs	AS	<u>4</u>	Legendre, J.Y., and Supersaxo, A., "Short-Chain Phospholipids Enhance Amphipathic Peptide-Mediated Gene Transfer," <i>Biochem. Biophys. Res. Commun.</i> 217:179-185 (1995).
Ls	AT	<u>4</u>	Mechtler, K., and Wagner, E., "Gene transfer mediated by influenza virus peptides: The role of peptide sequences," <i>New J. Chem.</i> 21:105-111 (1997).

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RS	AR	5	Mel'nikov, S.M., et al., "Discrete coil-globule transition of large DNA induced by cationic surfactant," <i>J. Am. Chem. Soc.</i> 117:2401-2408 (1995).
RS	AS	5	Plank, C., et al., "The Influence of Endosome-Disruptive Peptides on Gene Transfer Using Synthetic Virus-Like Gene Transfer Systems," <i>J. Biol. Chem.</i> 269:12918-12924 (1994).
RS	AT	5	Reimer, D.L., et al., "Formation of Novel Hydrophobic Complexes between Cationic Lipids and Plasmid DNA," <i>Biochem.</i> 34:12877-12883 (1995).

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RS	AR	<u>6</u>	Remy, J.S., et al., "Targeted gene transfer into hepatoma cells with lipopolyamine-condensed DNA particles presenting galactose ligands: A stage toward artificial viruses," <i>Proc. Natl. Acad. Sci. USA</i> 92:1744-1748 (1995).
RS	AS	<u>6</u>	Riddles, P.W., et al., "Ellman's reagent: 5,5'-dithiobis(2-nitrobenzoic acid)- a reexamination," <i>Anal. Biochem.</i> 94:75-81 (1979).
RS	AT	<u>6</u>	Tang, M.X. and Szoka, F.C., "The Influence of polymer structure on the interactions of cationic polymers with DNA and morphology of the resulting complexes," <i>Gene Ther.</i> 4:823-832 (1997).

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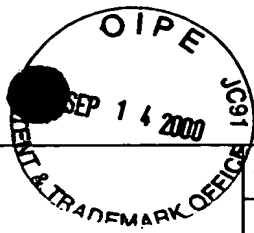
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RS	AR	7	Wilson, P.D., et al., "The Role of Lysosomal Enzymes in Killing of Mammalian Cells by the Lysosomotropic Detergent N-dodecylimidazole," <i>J. Cell. Biol.</i> 104:1223-1229 (1987).
RS	AS	7	Wyman, T.B., et al., "Design, Synthesis, and Characterization of a Cationic Peptide that Binds to Nucleic Acids and Permeabilizes Bilayers," <i>Biochem.</i> 36:3008-3017 (1997).
RS	AT	7	Zanta, M.-A., "In Vitro Gene Delivery to Hepatocytes with Galactosylated Polyethylenimine," <i>Bioconjugate Chem.</i> 8:839-844 (1997).

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	AP						Yes No

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RS	AR	<u>8</u>	Blessing, T., et al., "Monomolecular Collapse of plasmid DNA into stable virus-like particles," <i>Proc. Natl. Acad. Sci. USA</i> 95:1427-1431 (1998).
	AS	<u>8</u>	
	AT	<u>8</u>	

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